

| STANDARD: 2009 |
|

SOFTWARE SUPPORT

| DATE: 07/31/79 |
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| TITLE: Print and Punch Standards |
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| Purpose |
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To establish the standards producing printed and punched output reports.

| Definitions |
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On-line means the output is routed via the use of the SYSOUT function directly to the output device.

Off-line means the output is routed to a tape data set which can then be extracted to the output device at any time after job execution.

| On-Line Print/Punch Standards |
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Jobs creating data sets for on-line printing or punching must conform to the SYSOUT classes as defined in PSA 2044 "OS Job Classes" dated 1/15/86

On-line data sets created for printing locally are limited to a maximum of 10,000 lines per job and 250,000 lines for the remote printer.

On-line punch data sets are limited to a maximum of 2,000 cards.

| Off-Line Print/Punch Standards |
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Print and punch tapes are not to be used for less than 1,500 records.

All tapes containing print/punch data for off-line processing must be labeled with standard labels. The DSNAME must conform to PSA 2045. "Preparation and Naming of Data Sets" dated 01/16/86.

Print/punch processing of these data sets will be done by the Operations Section as prescribed in the job's run instructions for special forms, or as indicated by the DSNAME. See PSA 2045 "Preparation and Naming of Data Sets" dated 01/16/86.

Print/punch data sets will have a record length of 134 characters and blocking factor of 91 (blocksize 12,194 characters).

The first character of each record is interpreted as either a carriage control or pocket select character. The American Standard Association (ASA) form of control characters are to be used.

The second character of each record will be used for record selection. The character 'A' in this position will designate the first or normal print record of the data set. Additional prints to be placed on the same tape can be identified by characters B through G. A 'P' in this position must be specified for a punch data set. Run instructions must be specified for a punch data set. Run instructions must be supplied for printing of any non-standard forms as indicated in PSA 2045 "Preparation and Naming of Data Sets" dated 01/16/86.

The remaining 132 positions are to contain the report record. A print record may use all positions, whereas a punch record will use only 80 positions, thus leaving the remainder (positions 81-132) padded with blanks.

| Standard Paper |
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Standard paper shall be 14 7/8 inches by 8 1/2 inches in size and consist of only one part.

Printing will be 8 lines per inch.

This document is the current version of Standard 2.13.2013 that had been issued by the Comptrollers Data Processing Division